

**COMBINED DECLARATION AND POWER OF ATTORNEY
FOR UTILITY PATENT APPLICATION**

As a below-named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name;

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**DESIGN AND LAYOUT OF PHASE SHIFTING
PHOTOLITHOGRAPHIC MASKS**

the specification of which

XX is attached hereto.
_____ was filed on _____ as Application No. _____
and was amended on _____.
(if applicable)

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56(a) which states in relevant part: "Each individual associated with the filing and prosecution of a patent application has a duty of candor and good faith in dealing with the Office, which includes a duty to disclose to the Office all information known to that individual to be material to patentability as defined in this section....The duty to disclose all information known to be material to patentability is deemed to be satisfied if all information known to be material to patentability of any claim issued in a patent was cited by the Office or submitted to the Office in the manner prescribed by §§ 1.97(b)-(d) and 1.98."

I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate as indicated below and have also identified below any foreign application for patent or inventor's certificate on this invention having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s)

Priority Claimed

_____ (Number)	_____ (Country)	_____ (Day/Month/Year Filed)	Yes _____	No _____
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I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s), and under §119(e) of any United States provisional application(s), listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulation, §1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

<u>60/296,788</u> (Application Serial No.)	<u>8 June 2001</u> (Filing Date)	<u>Pending</u> (Patented, Pending, Abandoned)
<u>60/304,142</u> (Application Serial No.)	<u>10 July 2001</u> (Filing Date)	<u>Pending</u> (Patented, Pending, Abandoned)
<u>60/325,689</u> (Application Serial No.)	<u>28 September 2001</u> (Filing Date)	<u>Pending</u> (Patented, Pending, Abandoned)
<u>09/669,359</u> (Application Serial No.)	<u>26 September 2000</u> (Filing Date)	<u>Pending</u> (Patented, Pending, Abandoned)
<u>60/215,938</u> (Application Serial No.)	<u>5 July 2000</u> (Filing Date)	<u>Pending</u> (Patented, Pending, Abandoned)

I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith, and to file, prosecute and to transact all business in connection with international applications directed to said invention:

Mark A. Haynes	-	Reg. No. 30,846
Ernest J. Beffel, Jr.	-	Reg. No. 43,489
Warren S. Wolfeld	-	Reg. No. 31,454
James F. Hann	-	Reg. No. 29,719
Bill Kennedy	-	Reg. No. 33,407
Kent R. Richardson	-	Reg. No. 39,443
Erik L. Oliver	-	Reg. No. 46,296

Address all correspondence to:

NUMERICAL C/O:

Mark A. Haynes

Haynes Beffel & Wolfeld LLP

P.O. Box 366

Half Moon Bay, CA 94019

CUSTOMER NO. 30437

Direct all telephone calls to Mark A. Haynes at (650) 712-0340.

Atty Docket: NMTI 1002-6

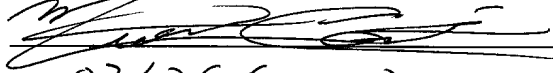
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Title 18, United States Code, §1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of **first** joint

inventor, if any:

Michel Luc Côté

Inventor's signature:



Date:

02/26/2002

Citizenship:

Canada

Residence:

3327 Provence Court

San Jose, CA 95135

Post Office Address:

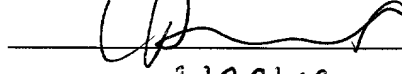
Same as above.

Full name of **second** joint

inventor, if any:

Christophe Pierrat

Inventor's signature:



Date:

2/26/02

Citizenship:

France

Residence:

420 Riverside Court, #307

Santa Clara, CA 95054

Post Office Address:

Same as above.

EXPRESS MAIL LABEL NO.: EV044494035US
DATE MAILED: 28 February 2002

Attorney Docket No. NMTI 1002-6

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)	
)	Group Art Unit: <i>Unassigned</i>
MICHEL CÔTÉ and CHRISTOPHE PIERRAT)	
)	
Application No. <i>Unassigned</i>)	Examiner: <i>Unassigned</i>
)	
Filed: <i>Herewith</i>)	
)	
For: Design and Layout of Phase Shifting)	
Photolithographic Masks)	
_____)	

POWER OF ATTORNEY BY ASSIGNEE TO EXCLUSION OF INVENTOR
UNDER 37 C.F.R. § 3.71 WITH REVOCATION OF PRIOR POWERS

Commissioner of Patents
Washington, D.C. 20231

Sir:

The undersigned ASSIGNEE of the entire interest in the above-identified application for letters patent hereby appoints:

Mark A. Haynes	- Reg. No. 30,846
Ernest J. Beffel, Jr.	- Reg. No. 43,489
Kent R. Richardson	- Reg. No. 39,443
Warren S. Wolfeld	- Reg. No. 31,454
James F. Hann	- Reg. No. 29,719
Bill Kennedy	- Reg. No. 33,407
Erik L. Oliver	- Reg. No. 46,296

to prosecute this application and transact all business in the United States Patent and Trademark Office in connection therewith and hereby revokes all prior powers of attorney; said appointment to be to the exclusion of the inventors and the inventors' attorneys in accordance with the provisions of 37 C.F.R. § 3.71.

The following evidentiary documents establish a chain of title from the original owner to the Assignee:

X a copy of an Assignment attached hereto, which Assignment has been (or is herewith) forwarded to the Patent and Trademark Office for recording; or

___ the Assignment recorded on _____ at reel _____, frames _____.

Pursuant to 37 C.F.R. § 3.73(b) the undersigned Assignee hereby states that evidentiary documents have been reviewed and hereby certifies that, to the best of ASSIGNEE's knowledge and belief, title is in the identified ASSIGNEE.

Direct all telephone calls to Mark A. Haynes, Esq., at (650) 712-0340.


Address all correspondence to:

Customer Number 30437

NUMERICAL TECHNOLOGIES, INC. C/O:

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(650) 712-0340 (phone)
(650) 712-0263 (fax)

ASSIGNEE: NUMERICAL TECHNOLOGIES, INC.

Signature: 

Name: Erik L. Oliver

Title: Associate General Counsel

Date: 2/26/02